



April 22, 2005

MACBONE FIELD SERVICE ADVISORY

Subject: Control Valve Stem Packing

Models: All C series MacBone Air Conditioning Units with Production numbers 825 and up

Background

On all of the 24,000BTU/HR, belt driven MacBone air conditioning units, beginning with production number 825, the hydraulic control valve, which is actuated by the blue handle, was changed to a different type. The packing adjustment on this ball valve is different in that when tightening the packing nut, the long hex shaped coupling nut, between the control rod and the valve stem, must be held with a wrench to keep it, the control shaft and the valve stem from turning when the valve stem packing nut is tightened. Failure to hold the coupling nut when turning the packing nut will result in no tightening of the packing.

Procedure

If the control valve packing is leaking, hold the long hex shaped coupling nut with a ½” end wrench and with a second ½” end wrench, tighten the packing as shown in the attached photo. Tighten sufficiently to stop the leak, 1/8 turn at a time, DO NOT OVERTIGHTEN. Excess tightening will make the blue control handle difficult to turn.

Cautions

DO NOT try to hold the coupling nut with the blue handle. Hold the coupling nut with a wrench. The torque required to tighten the packing nut can be sufficient to shear the pins in the blue handle and shaft assembly if the nut is not held with a wrench.

Remember

Questions, problems, or just lonely, pick up the telephone, not a crowbar, and call:

888-MACBONE

WE CAN HELP!

